

#### ABSTRACT OF THE DISCLOSURE

A fuel cell casing includes a base body having plural concavities for housing a membrane electrode assembly, the membrane electrode assembly having first and second electrodes; a first fluid channel extending from a bottom surface of the concavity to an outer surface of base body; a first wiring conductor having one end disposed on the bottom surface of the concavity, and another end led to the outer surface of the base body; a lid body mounted around the concavity; a second fluid channel extending from a lower surface to an outer surface of the lid body; a second wiring conductor having one end disposed on the lower surface of the lid body, and another end led to outer surface of the lid body; and a third wiring conductor having one end opposed to the first electrode on bottom surface of one concavity, and another end opposed to the first electrode on the bottom surface of the other concavity.